

# 云南东南部秋海棠属侧膜组一新种

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## A new species of *Begonia* (Begoniaceae) from SE Yunnan, China

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**Key words** *Begonia*; *B. zhengyiana* Y. M. Shui; New species; SE Yunnan; China

**关键词** 秋海棠属; 吴氏秋海棠; 新种; 云南东南部; 中国

### 吴氏秋海棠 新种(侧膜组) 图 1

***Begonia zhengyiana*** Y. M. Shui, sp. nov. (sect. *Coloecentrum* Irmsch.), Fig. 1

Species similis *B. luzhaiensi* Ku, quae foliorum laminis inaequilateralibus, basi valde obliquis, ambitu late ovatis vel suborbicularibus, apice caudato-acuminatis, capsulae alis tribus inaequimagnis recedit. Etiam similis *B. daxinensi* Ku, quae foliorum laminis inaequilateralibus, basi obliquis, ambitu suborbicularibus vel transversaliter late ovatis, apice breviter caudatis differt.

Herba perennis, acaulis. Rhizoma repens, dense crispulo-villosum, ad nodos radicans, internodiis 0.5~1.0 cm longis, 3~4 mm in diam. Stipulae late triangulatae, 3~4 mm longae, basi 3~4 mm latae, apiculatae glabrae. Folia basalia; petioli 2~6 cm longi, 2~3 mm in diam., dense villosi; laminae crasse chartaceae, reniformes vel orbiculatae, 4~6 cm longae, 7~11 cm latae, apice rotundatae, basi aequaliter cordatae, supra laevigatae, subtus secus nervos dense villosae, margine longe ciliatae, leviter repandae, irregulariter denticulatae, nervis basalibus palmatis 3~4, supra obscuris, subtus prominentibus. Dichasium ad apici rhizomatis insertum, multiflorum; pedunculo 4~6.5 cm longo, glabro. Flores ♂: pedicelli 6~7 mm longi, subglabri; tepala 4, exteriora 2 majora, rosea, suborbiculata, 7~8 mm longa, 5~7 mm lata, apice rotundata, glabra, interiora 2 minora, pallida, 7~8 mm longa, 2.5~3 mm lata; stamina numerosa, basi leviter connata, androphoro circ. 0.5 mm longo, filamentis 0.6~0.7 mm longis, antheris oblongis, 0.7~0.9 mm longis, 0.4~0.6 mm latis, connectivis apice leviter dilatatis. Flores ♀: pedicelli circ. 4 mm longi; tepala 3, exteriora 2 orbiculata, 3~4 mm in diam, interius 1 sensim diminutum, ellipticum, 2.5~3 mm longum, 1 mm latum; ovarium uniloculatum, placentis parietalibus, placentae segmentis 2; styli 3, 1.4~1.5 mm longi, stigmatibus contortis. Capsula ellipsoidea, 5 mm longa, 3 mm in diam., aequaliter tripartita; alae triangulatae, 3.5~4.5 mm longae, 0.9~1.2 mm latae, apice obtusae, margine superiore descendente, margine inferiore ascendente.

**China. SE Yunnan** (云南东南部): Maguan (马关), Gulinqing (古林箐), Xintian (新田), alt. 500 m, on limestone in seasonal rainy forests, flowers pink, 1994-08-08, S. K. Wu *et al.*

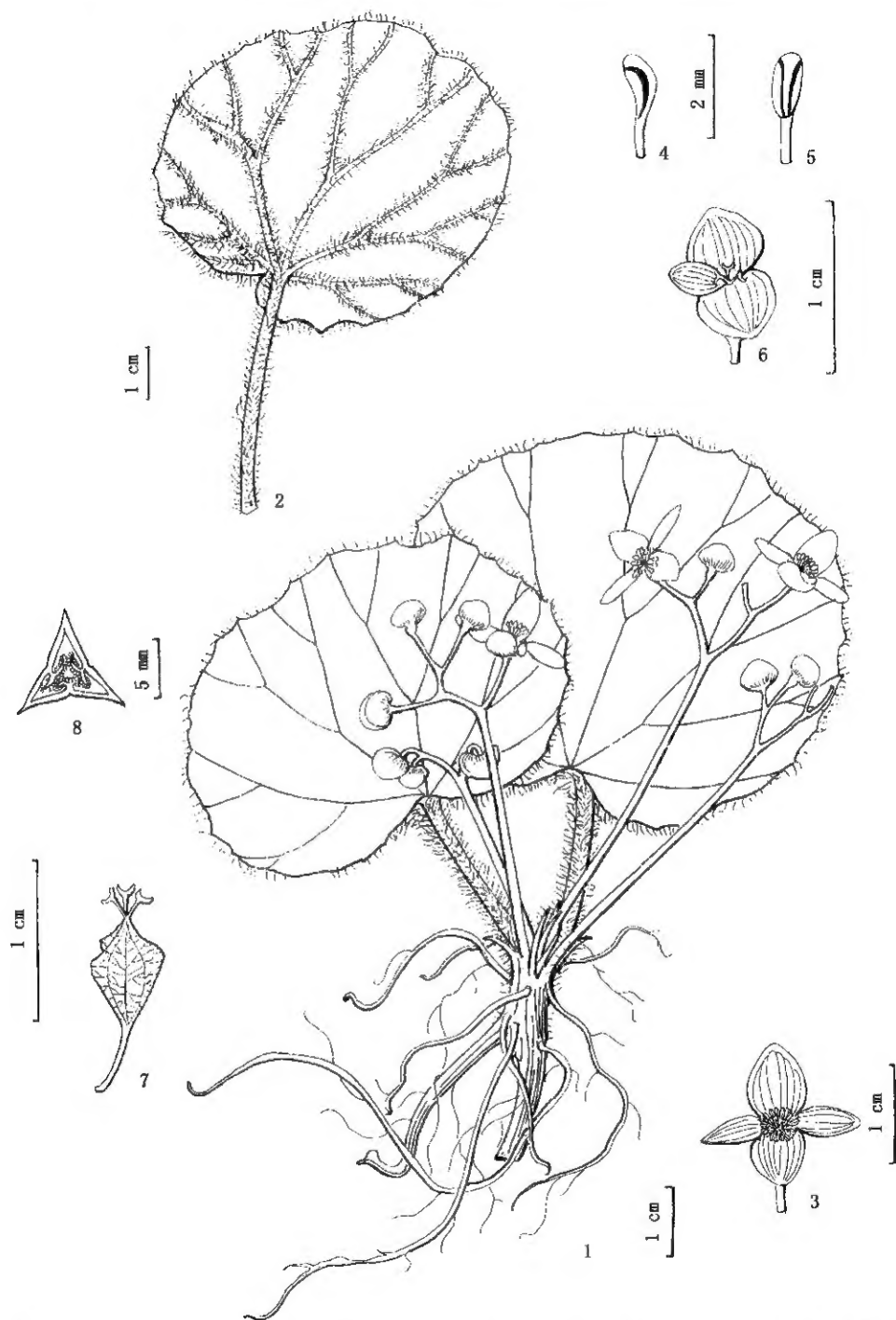


图1 吴氏秋海棠 1. 植株; 2. 叶背面; 3. 雄花; 4. 雄蕊侧面观; 5. 雄蕊腹面观; 6. 雌花; 7. 干果; 8. 子房横切; [1, 3~5 和 8: 根据主模式(武素功等 1979), 2、7 根据副模式(税玉民、普春霞、聂泽龙 14515)] (王玲 绘)  
 Fig. 1 *Begonia zhengyiana* Y. M. Shui 1. Habit; 2. Dorsum of leaf; 3. Male flower; 4. Lateral plane of stamen; 5. Ventral plane of stamen; 6. Female flower; 7. Dry fruit; 8. Transverse section of fruit. (1, 3~5 和 8 from the holotype S. K. Wu *et al.* 1979; 2 and 7 from the paratype Y. M. Shui, C. X. Pu *et al.* Z. L. Nie 14515). (Drawn by Wang Ling)

(武素功等) 1979 (holotype, here designated, KUN; isotype, PE); the same locality, Woody station (木材站) nearby Nanxi (南溪) of Hekou (河口), alt. 600 m, in limestone tropical seasonal forests, Y. M. Shui, C. X. Pu and Z. L. Nie (税玉民、普春霞和聂泽龙) 14515 (paratype, KUN).

多年生草本, 无直立茎。根茎匍匐, 密被卷曲长毛, 节处生根, 节间长 0.5~1.0 cm, 直径 3~4 mm。托叶宽三角形, 长 3~4 mm, 基部宽 3~4 mm, 具尖头, 无毛; 叶基生, 叶柄长 2~6 cm, 直径 2~3 mm, 密被长毛; 叶片厚纸质, 肾形或圆形, 长 4~6 cm, 宽 7~11 cm, 先端圆, 基部等心形, 上面无毛, 下面沿脉密被长毛, 边缘具长纤毛, 稍伸展, 具不规则细齿, 叶脉掌状, 3~4 条, 于叶面不明显, 于叶背明显突出。二歧聚伞花序从根茎顶端伸出, 花序梗长 4~6.5 cm, 无毛; 雄花玫瑰色, 花梗长 6~7 mm, 近无毛, 花被片 4, 外面 2 片较大, 近圆形, 长 7~8 mm, 宽 5~7 mm, 先端圆, 无毛, 内面的 2 片较小, 稍苍白色, 长 7~8 mm, 宽 2.5~3 mm; 雄蕊多数, 基部稍合生, 雄蕊柱长约 0.5 mm, 花丝长 0.6~0.7 mm, 花药长圆形, 长 0.7~0.9 mm, 宽 0.4~0.6 mm, 药隔顶端稍突出。雌花花梗长约 4 mm, 花被片 3, 外面 2 片圆形, 直径 3~4 mm, 内面的 1 片较小, 椭圆形, 长 2.5~3 mm, 宽 1 mm; 子房 1 室, 侧膜胎座, 中部胎座裂片 2, 花柱 3, 长 1.4~1.5 mm, 柱头螺旋状。蒴果椭圆球形, 长 5 mm, 直径 3 mm, 具相等的 3 翅; 翅三角形, 长 3.5~4.5 mm, 宽 0.9~1.2 mm, 先端钝, 上边缘下降, 下边缘上升。

本种和鹿寨秋海棠 *B. luzhaiensis* Ku 极相似, 唯后者叶片两侧极不相等, 宽卵形至近圆形, 先端尾状渐尖; 蒴果之 3 翅不等大而不同。又近似于大新秋海棠 *B. daxinensis* Ku, 唯后者叶片两侧不相等, 近圆形或横的宽卵形, 先端短尾尖而不同。

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